

**Amendments to the Abstract of the Disclosure**

Please delete the Abstract of the Disclosure, in its entirety, and substitute in its place the attached new Abstract of the Disclosure.

## **ABSTRACT OF THE DISCLOSURE**

Automated mapping of part numbers associated with parts in a bill of materials (BOM) to internal part numbers assigned by a BOM receiver. Historical data on bills of materials, known part number mappings, and parametric data describing the parts associated with bills of materials received. Prediction models, for predicting BOM receiver internal part numbers, are learned from the historical BOM data, known part number mappings data and parametric data. The learned models are applied to unmapped BOM originator part numbers to assign BOM receiver internal part numbers.